INSTALLATION AND OPERATING INSTRUCTIONS FOR SINGLE PHASE ELECTRONIC SPEED CONTROLLERS

Model no.	Electrical Supply	Max operating current	Dimensions	Mounting
EFSC3P	230V AC 1Ph 50Hz	3 Amps	87mm (W) 147mm (H) 67mm (D)	Supplied with double gang surface mounting backing box
EFSC6P	230V AC 1Ph 50Hz	6 Amps	87mm (W) 147mm (H) 67mm (D)	Supplied with double gang surface mounting backing box

INSTALLATION

1. Check that the controller supplied can safely control the number, size and speed of the fan(s) to be controlled.
2. Install in a dry sheltered position. Do not install in close proximity to a heat source.
3. Remove the front cover of the controller by unscrewing the fascia fixing screws. This provides access to mounting holes and electrical terminals.
4. All wiring and control equipment MUST comply with current applicable regulations, in particular IEE552-01-02/03.

OPERATION

Switch on the controller by operating the ON/OFF rocker switch. Rotating the control knob clockwise will increase the speed of the fan(s) from a pre-set minimum to full speed.

MINIMUM SPEED ADJUSTMENT

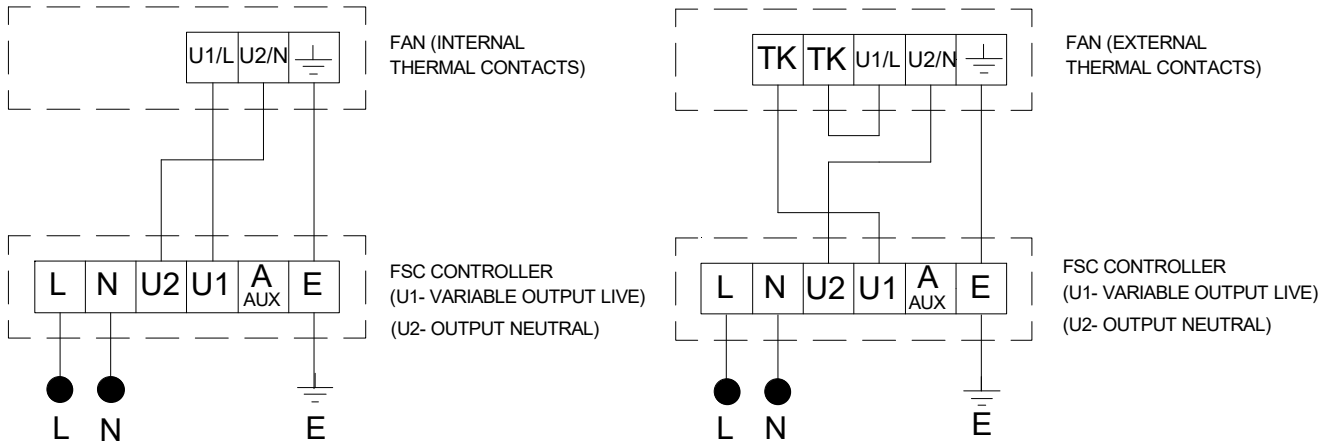
On certain fan types the factory set minimum speed may need adjusting. To adjust the minimum speed rotate the control knob on the front fully anti-clockwise. This is the current minimum level. To adjust this turn the min speed trimmer inside the unit clockwise to increase the minimum level and anti-clockwise to decrease the minimum level.

MAXIMUM SPEED ADJUSTMENT

To adjust the maximum speed rotate the control knob on the front fully clockwise. This is the current maximum level. To adjust this turn the max speed trimmer inside the unit anti-clockwise to decrease the maximum level and clockwise to increase the maximum level.

WARNING

Installation of the controller and adjustment of the internal min speed trimmer should be carried out with the electrical supply isolated.



1-Fan terminals may vary with model. Refer to instructions supplied with fan for correct terminations.

2-The "A" AUX connection provides a constant 230v output when the controller is switched on. It can be used to supply control circuits e.g. damper, run indication, or for use with fans requiring 3 wire control (refer to instructions supplied with fan)

3-The controller is fitted with an internal fuse to protect the controller wiring and components. It is not designed to provide motor overload protection, additional control equipment is necessary.